

Title (en)

Transport device for continuous paper and for cut sheets in printers

Title (de)

Einrichtung zum Transport von Endlospapier und geschnittenen Blättern in Druckern

Title (fr)

Dispositif pour transporter des bandes continues de papier et des feuilles coupées aux imprimantes

Publication

EP 0858903 A3 19990303 (DE)

Application

EP 98100069 A 19980105

Priority

DE 29702659 U 19970215

Abstract (en)

[origin: EP0858903A2] The cut sheets are conveyed by means of friction drive pieces with rollers in front of and behind the printer (1,2). The continuous webs of paper (12) are conveyed by means of a pin-feed mechanism fitting into the perforations on both sides. The pin-feed drive pieces (7) are connected to the drive motor (8) for the friction drive pieces (3-6) by a switchable coupling (9). A sensor (10) positioned near the printer or belonging to the pin-feed drive pieces detects the position of the continuous web of paper and or the cut edges of the sheets, and corrects the forward feed by means of the calculator (11) and the motor of the friction drive pieces.

IPC 1-7

B41J 11/30; **B41J 11/48**

IPC 8 full level

B41J 11/30 (2006.01); **B41J 11/48** (2006.01); **B41J 15/04** (2006.01); **B65H 5/06** (2006.01); **B65H 20/22** (2006.01)

CPC (source: EP)

B41J 15/046 (2013.01); **B65H 5/062** (2013.01); **B65H 20/22** (2013.01)

Citation (search report)

- [AD] US 4913574 A 19900403 - YOKOI TAKESHI [JP]
- [A] DE 3606060 C1 19870430 - SIEMENS AG
- [A] EP 0556944 A1 19930825 - MANNESMANN AG [DE]

Cited by

WO03064159A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29702659 U1 19971218; DE 59800234 D1 20000921; EP 0858903 A2 19980819; EP 0858903 A3 19990303; EP 0858903 B1 20000816

DOCDB simple family (application)

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